

S/N 09/613,604  
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PATENT

In the Abstract

Please replace the Abstract with the following rewritten Abstract:

C1

--An electrochemical analyte sensor having conductive traces on a substrate is used to determine a level of analyte in *in vitro* or *in vivo* analyte-containing fluids. The electrochemical analyte sensor includes a substrate and conductive material disposed on the substrate, the conductive material forming a working electrode. In some sensors, the conductive material is disposed in recessed channels formed in a surface of the sensor. An electron transfer agent and/or catalyst may be provided to facilitate the electrolysis of the analyte or of a second compound whose level depends on the level of the analyte. A potential is formed between the working electrode and a reference electrode or counter/reference electrode and the resulting current is a function of the concentration of the analyte in the fluid.--